

d. a sheath disposed about and secured to the proximal end of the tip member and the distal end of the catheter shaft.

23. The balloon catheter of claim 22 wherein the balloon includes a distal shaft section disposed about and secured to the distal end of the catheter shaft.

24. The balloon catheter of claim 22 wherein the balloon includes a distal shaft section secured to the inner tubular member.

25. A balloon catheter, comprising

- a) an elongated catheter shaft having an outer tubular member, and an inner tubular member with a guidewire lumen and a distal end and being disposed in at least a part of the outer tubular member and defining an inflation lumen with the outer tubular member;
- b) a balloon on a distal catheter shaft section having an interior in fluid communication with the inflation lumen; and
- c) a tubular tip member disposed distal to the distal end of the inner tubular member; and
- d) a tubular sheath disposed about and secured to a proximal portion of the tubular tip member and the distal end of the inner tubular member.

#### REMARKS

The Applicants believe that the pending claims are directed to patentable subject matter. Consideration and an early allowance thereof are earnestly solicited. A marked up copy of the amendments made to the specification are set forth in the